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PATENT  
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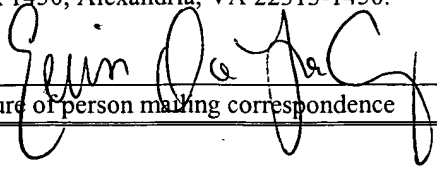
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |   |               |                  |
|-------------|---|---------------|------------------|
| Applicant:  | Francesco Sannicolo' et al.   | Art Unit:     | Not yet assigned |
| Serial No.: | Not yet assigned  | Examiner:     | Not yet assigned |
| Filed:      | September 1, 2004   | Customer No.: | 21559            |
| Title:      | Metallic Catalysts for Chemo-, Regio- and Stereoselective Reactions, and Corresponding Precursors |               |                  |

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INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the enclosed Form PTO 1449, copies of which are enclosed. A copy of a communication from a foreign patent office in a counterpart application is also enclosed. This statement is being filed with the application.

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Respectfully submitted,

Date: September 1, 2004

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|   |   |                  |   |       |          |                              |
|---|---|------------------|---|-------|----------|------------------------------|
| SUBSTITUTE FORM PTO-1449 (MODIFIED)<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br>(Use several sheets if necessary)<br><br>(37 C.F.R. § 1.98(b)) |   |                  | Attorney Docket No. 50294/013001<br><br>Serial No.<br><br>Applicant Sannicolo et al.<br><br>Filing Date September 1, 2004<br><br>Group<br><br>IDS Filed September 1, 2004 |       |          |                              |
| U.S. PATENTS  |   |                  |   |       |          |                              |
| Examiner's Initials   | Patent Number   | Issue Date       | Patentee  | Class | Subclass | Filing Date (If Appropriate) |
|   | 5,329,015   | 7/12/1994        |   |       |          |                              |
|   |   |                  |   |       |          |                              |
| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION  |   |                  |   |       |          |                              |
| Examiner's Initials   | Document Number   | Publication Date | Country or Patent Office  | Class | Subclass | Translation (Yes/No)         |
|   | WO 99/24444   | 5/20/99          | PCT   |       |          |                              |
|   | WO 03/031456 A2   | 4/17/03          | PCT   |       |          |                              |
|   | WO 2003/074160 A3   | 9/12/03          | PCT   |       |          |                              |
|   |   |                  |   |       |          |                              |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)   |   |                  |   |       |          |                              |
|   | Fernandez et al., "Rationally Designed Improvement of the Bis(phospholano)ethane Ligand for Asymmetric Hydrogenation Leads to a Reappraisal of the Factors Governing the Enantioselectivity of Duphos Catalysts," Chem. Commun. 17:1663-1664, 2000. |                  |   |       |          |                              |
|   |   |                  |   |       |          |                              |
|   |   |                  |   |       |          |                              |
|   |   |                  |   |       |          |                              |
|   |   |                  |   |       |          |                              |
| EXAMINER  |   |                  | DATE CONSIDERED   |       |          |                              |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.   |   |                  |   |       |          |                              |